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EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

AUGUST, 1987

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS, AND EARNINGS
Volume 37, Number 8

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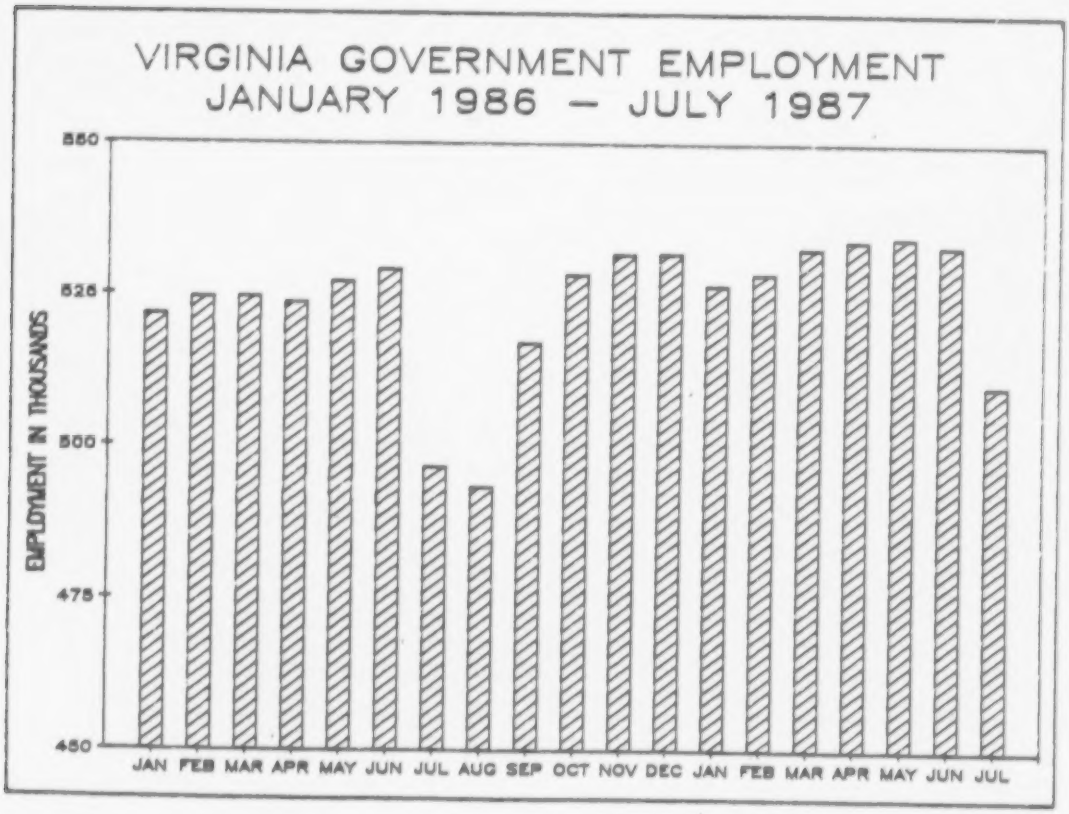
GOVERNMENT EMPLOYMENT EXPERIENCES SEASONAL TUMBLE DURING JULY 1987

TOTAL NONAGRICULTURAL EMPLOYMENT LEVELS DROPPED TO 2,640,100 WORKERS DURING JULY. This figure represents a decline of 16,500 employees over the month; however, a yearly gain of 74,600 people was reported. The cause of the descent was found in the nonmanufacturing area as educational facilities released students and nonteaching personnel for the summer.

NONMANUFACTURING EMPLOYMENT DIMINISHED BY 16,200 PEOPLE TO REACH A LEVEL OF 2,215,000 THIS PERIOD. However, an additional 71,700 hires were put on payrolls in this area since July 1986. Decreases in the services and government sector offset most of the strides made in the other major divisions.

GOVERNMENT EMPLOYMENT EXPERIENCED ITS USUAL SEASONAL TUMBLE DURING JULY 1987. State and local government sectors accounted for the trend as the school systems curtailed activity for the summer. A total of 23,200 wage earners were taken out of the work force in July, leaving 510,300 people in this area.



ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	2,640.1	2,656.6	2,565.5	-16.5	74.6
MANUFACTURING	425.2	425.3	422.2	-.1	3.0
DURABLE GOODS	199.5	200.0	201.6	-.5	-2.1
LUMBER AND WOOD PRODUCTS	24.6	24.6	24.4	.0	.2
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.3	8.3	8.0	.0	.3
FURNITURE AND FIXTURES	24.6	21.7	21.8	-.1	-.2
HOUSEHOLD AND OFFICE FURNITURE	22.9	23.1	23.2	-.2	-.3
STONE, CLAY & GLASS PRODUCTS	16.3	16.4	15.5	-.1	.8
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.6	7.6	7.2	.0	.4
PRIMARY METAL INDUSTRIES	10.9	11.1	10.4	-.2	.5
FABRICATED METAL PRODUCTS	18.2	18.3	18.9	-.1	-.7
FABRICATED STRUCTURAL METAL PRODUCTS	10.6	10.7	11.3	-.1	-.7
MACHINERY EXCEPT ELECTRICAL	16.1	16.1	15.5	.0	.6
ELECTRIC & ELECTRONIC EQUIPMENT	38.6	38.7	40.0	-.1	-1.4
COMMUNICATION EQUIPMENT	15.5	15.7	16.5	-.2	-1.0
TRANSPORTATION EQUIPMENT	42.4	42.4	44.4	.0	-2.0
INSTRUMENTS & RELATED PRODUCTS	4.6	4.7	4.7	-.1	-.1
MISC. MANUFACTURING INDUSTRIES	3.2	3.1	3.2	.1	.0
NONDURABLE GOODS	225.6	225.4	220.6	.2	5.0
FOOD & KINDRED PRODUCTS	39.9	39.7	37.9	.2	2.0
MEAT PRODUCTS	14.4	14.2	13.5	.2	.9
BEVERAGES	5.5	5.5	5.6	.0	-.1
TOBACCO MANUFACTURES	13.3	13.4	13.3	-.1	.0
TEXTILE MILL PRODUCTS	45.6	45.4	42.3	.2	3.3
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.5	15.6	14.0	-.1	1.5
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	21.4	21.1	19.7	.3	1.7
MISC. TEXTILE GOODS	1.1	1.2	1.1	-.1	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.5	29.5	29.8	.0	-.3
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.9	9.9	10.0	.0	-.1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.9	15.8	16.2	.1	-.3
PAPER & ALLIED PRODUCTS	15.1	15.2	15.5	-.1	-.4
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS,	6.8	6.9	7.2	-.1	-.4
CONTAINERS AND BOXES	4.1	4.1	4.2	.0	-.1
PAPERBOARD CONTAINERS AND BOXES	31.5	31.4	31.4	.1	.1
PRINTING AND PUBLISHING	13.4	13.3	13.3	.1	.1
NEWSPAPER AND PERIODICALS	12.1	12.1	12.1	.0	.0
COMMERCIAL PRINTING	33.4	33.4	32.7	.0	.7
CHEMICALS & ALLIED PRODUCTS	17.0	17.0	17.6	.0	-.6
PLASTICS MATERIALS AND SYNTHETICS	15.1	15.2	16.0	-.1	-.9
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	8.9	8.9	9.8	.0	-.9
MISC. PLASTICS PRODUCTS	2.2	2.2	1.7	.0	.5
LEATHER & LEATHER PRODUCTS					

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
NONMANUFACTURING	2,215.0	2,231.2	2,143.3	- 16.2	71.7
MINING	15.6	15.6	16.7	0	- 1.1
BITUMINOUS COAL AND LIGNITE MINING	12.5	12.5	13.7	0	- 1.2
CONSTRUCTION	183.8	178.2	178.2	5.6	5.6
TRANSPORTATION & PUBLIC UTILITIES	142.7	142.0	139.8	.7	2.9
RAILROAD TRANSPORTATION	11.0	11.0	11.7	0	- .7
TRUCKING & WAREHOUSING	33.4	33.1	32.3	.3	1.1
TRANSPORTATION BY AIR	19.7	19.5	19.2	.2	.5
COMMUNICATION	41.8	41.8	40.8	0	1.0
ELECTRIC, GAS & SANITARY SERVICES	21.2	21.2	20.8	0	.4
WHOLESALE & RETAIL TRADE	610.1	609.0	585.9	1.1	24.2
WHOLESALE TRADE	124.6	124.7	123.5	- .1	1.1
WHOLESALE TRADE - DURABLE GOODS	78.8	78.8	78.1	0	.7
WHOLESALE TRADE - NONDURABLE GOODS	45.8	45.8	45.5	0	.3
RETAIL TRADE	485.5	484.4	462.4	1.1	23.1
GENERAL MERCHANDISE STORES	61.2	60.5	58.4	.7	2.8
DEPARTMENT STORES	47.9	47.3	46.0	.6	1.9
VARIETY STORES	11.7	11.7	10.7	0	1.0
FOOD STORES	78.7	78.3	75.5	.4	3.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	57.5	57.2	55.8	.3	1.7
APPAREL & ACCESSORY STORES	24.6	24.8	24.5	- .2	.1
FURNITURE AND HOME FURNISHING STORES	27.7	27.6	25.7	.1	2.0
EATING & DRINKING PLACES	153.5	153.5	145.1	0	8.4
MISCELLANEOUS RETAIL	61.9	62.2	59.0	- .3	2.9
FINANCE, INSURANCE AND REAL ESTATE	140.7	139.3	134.4	1.4	6.3
BANKING	36.0	35.7	35.4	.3	.6
CREDIT AGENCIES OTHER THAN BANKS	23.5	23.4	21.7	.1	1.8
SECURITY, COMMODITY BROKERS & SERVICES	4.4	4.3	4.0	.1	.4
INSURANCE CARRIERS	23.6	23.7	23.4	- .1	.2
REAL ESTATE	35.6	34.7	34.5	.9	1.1
SERVICES	611.7	613.6	591.7	- 1.9	20.0
HOTELS AND OTHER LODGING PLACES	45.0	43.2	44.4	1.8	.6
PERSONAL SERVICES	32.4	32.9	30.5	- .5	1.9
BUSINESS SERVICES	162.1	161.6	151.7	.5	10.4
AUTO REPAIR SERVICES & GARAGES	17.2	17.0	16.7	.2	.5
MISC. REPAIR SERVICES	7.3	7.3	7.4	0	- .1
MOTION PICTURES	3.3	3.3	3.2	0	.1
AMUSEMENT AND RECREATION SERVICES	22.9	22.3	22.7	.6	.2
HEALTH SERVICES	137.6	137.0	133.8	.6	3.8
HOSPITALS	70.5	70.3	67.9	.2	2.6
EDUCATIONAL SERVICES	23.1	29.5	23.4	- 6.4	- .3
GOVERNMENT	510.3	533.5	496.7	- 23.2	13.6
FEDERAL GOVERNMENT	170.9	170.5	169.4	.4	1.5
STATE & LOCAL GOVERNMENT	339.3	363.0	327.3	- 23.7	12.0
STATE GOVERNMENT	117.1	120.5	114.4	- 3.4	2.7
LOCAL GOVERNMENT	222.3	242.4	212.9	- 20.1	9.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

GOVERNMENT EMPLOYMENT EXPERIENCES
SEASONAL TUMBLE DURING JULY 1987
(Continued from Page 1)

CONSTRUCTION, TRADE, AND FINANCE EMPLOYMENT LEVELS ROSE TO NEW ALL-TIME HIGHS IN JULY OF THE CURRENT YEAR. Seasonal aspects of the economy were evident in all these divisions. Construction forged ahead in all categories as residential and industrial building accelerated. While retail sales were not all merchants had hoped for, trade establishments employed more people. Banks and real estate agencies kept pace with the upswing in economic pulse by adding to work forces in the financial division.

MANUFACTURING EMPLOYMENT MOVED DOWNWARD IN JULY BY 1,000 TO 425,200. This was 3,000 higher than a year ago. Temporary closings for unpaid vacations were the salient factor. Among durable goods producers, primary metal producers, and furniture factories recorded complete or partial shutdowns. In the nondurable goods sectors, gains in food and kindred products and textile mill products outpaced losses in tobacco manufactures and paper products.

VIRGINIA'S 321,700 FACTORY PRODUCTION WORKERS EARNED $363.91 IN JULY 1987. This was $6.73 less than June 1987 but $8.71 more than July 1986. Average hourly earnings declined $.01 over the month and at $9.03 were $.15 above a year ago. The decline in earnings was the result of less overtime work hours and less business, as reflected by the average work week being seven-tenths of an hour shorter than in June and three-tenths of an hour longer than July 1986.

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THE CONSUMER PRICE INDEX-JULY 1987

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMER PRICE INDEX (CPI-U) INCREASED 0.2 PERCENT IN JULY 1987 TO A LEVEL OF 340.8 (1967=100). For the 12-month period ending in July, the CPI-U increased 3.9 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) also rose 0.2 percent in July. The July 1987 CPI-W level of 335.6 (1967=100) was 3.9 percent higher than the July 1986 index. The CPI for August will be released September 23, 1987, and may be obtained by dialing (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.6	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	540.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.6	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.6	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,660.1	425.2	15.6	183.8	142.7	610.1	140.7	611.7	510.3

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	1,187.5	1,203.4	1,143.4	- 15.9	44.1
MANUFACTURING	148.7	148.5	147.1	.2	1.6
DURABLE GOODS					
LUMBER AND WOOD PRODUCTS	50.4	50.6	51.1	- .2	- .7
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.6	4.5	4.3	.1	.3
FURNITURE AND FIXTURES	2.2	2.2	2.2	0	0
HOUSEHOLD AND OFFICE FURNITURE	8.8	8.9	8.9	- .1	- .1
STONE, CLAY & GLASS PRODUCTS	8.5	8.6	8.6	- .1	- .1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	2.3	2.3	2.3	0	0
PRIMARY METAL INDUSTRIES	0.6	0.6	0.6	0	0
FABRICATED METAL PRODUCTS	2.1	2.3	2.3	- .2	- .2
FABRICATED STRUCTURAL METAL PRODUCTS	3.6	3.6	3.6	0	0
MACHINERY EXCEPT ELECTRICAL	1.2	1.2	1.2	0	0
ELECTRIC & ELECTRONIC EQUIPMENT	2.7	2.7	2.7	0	0
COMMUNICATION EQUIPMENT	16.2	16.2	16.7	0	- .5
TRANSPORTATION EQUIPMENT	7.0	7.1	7.2	- .1	- .2
INSTRUMENTS & RELATED PRODUCTS	6.5	6.5	6.7	0	- .2
MISC. MANUFACTURING INDUSTRIES	2.3	2.3	2.4	0	- .1
	1.2	1.2	1.2	0	0
NONDURABLE GOODS					
FOOD & KINDRED PRODUCTS	98.3	97.9	96.0	.4	2.3
MEAT PRODUCTS	13.7	13.7	13.0	0	.7
BEVERAGES	5.8	5.7	5.4	.1	.4
TOBACCO MANUFACTURES	0.8	0.8	0.8	0	0
TEXTILE MILL PRODUCTS	4.0	4.0	3.6	0	.4
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	26.2	26.0	24.8	.2	1.4
NARROW FABRIC MILLS	7.1	7.2	6.4	- .1	.7
KNITTING MILLS	0.6	0.6	0.6	0	0
MISC. TEXTILE GOODS	15.2	15.0	14.4	.2	.8
APPAREL & OTHER TEXTILE PRODUCTS	0.4	0.4	0.4	0	0
MENS & BOYS SUITS, COATS AND FURNISHINGS	26.0	25.9	27.0	.1	- 1.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	9.0	9.0	9.5	0	- .5
PAPER & ALLIED PRODUCTS	14.8	14.7	15.4	.1	- .6
PULP, PAPER & PAPERBOARD	2.7	2.7	2.6	0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS,	0.9	0.9	0.8	0	.1
CONTAINERS AND BOXES	1.7	1.8	1.7	- .1	0
PAPERBOARD CONTAINERS AND BOXES	0.8	0.8	0.8	0	0
PRINTING AND PUBLISHING	11.1	11.1	11.0	0	.1
NEWSPAPER AND PERIODICALS	5.1	5.1	5.1	0	0
COMMERCIAL PRINTING	3.1	3.1	3.0	0	.1
CHEMICALS & ALLIED PRODUCTS	9.4	9.4	9.1	0	.3
PLASTICS MATERIALS AND SYNTHETICS	4.5	4.5	4.7	0	- .2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.5	3.5	3.7	0	- .2
MISC. PLASTICS PRODUCTS	2.6	2.6	2.8	0	- .2
LEATHER & LEATHER PRODUCTS	1.6	1.6	1.2	0	.4

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
NONMANUFACTURING	1,038.8	1,054.9	996.3	- 16.1	42.5
MINING	0.7	0.7	0.7	0	0
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.5	0	0
CONSTRUCTION	15.8	15.3	14.9	.5	.9
TRANSPORTATION & PUBLIC UTILITIES	46.2	45.9	44.0	.3	2.2
RAILROAD TRANSPORTATION	1.4	1.4	1.5	0	- .1
TRUCKING & WAREHOUSING	4.0	4.0	3.8	0	.2
TRANSPORTATION BY AIR	8.9	8.8	8.5	.1	.4
COMMUNICATION	21.4	21.3	20.7	.1	.7
ELECTRIC, GAS & SANITARY SERVICES	4.9	4.7	4.4	.2	.5
WHOLESALE & RETAIL TRADE	278.8	278.3	266.3	.5	12.5
WHOLESALE TRADE	33.8	33.8	32.8	0	1.0
WHOLESALE TRADE - DURABLE GOODS	20.5	20.4	19.9	.1	.6
WHOLESALE TRADE - NONDURABLE GOODS	13.4	13.4	12.9	0	.5
RETAIL TRADE	245.0	244.6	233.5	.4	11.5
GENERAL MERCHANDISE STORES	41.5	41.1	39.7	.4	1.8
DEPARTMENT STORES	32.8	32.4	31.5	.4	1.3
VARIETY STORES	7.8	7.8	7.1	0	.7
FOOD STORES	34.4	34.2	33.0	.2	1.4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.4	13.3	13.0	.1	.4
APPAREL & ACCESSORY STORES	18.1	18.2	18.0	- .1	.1
FURNITURE AND HOME FURNISHING STORES	10.5	10.4	9.7	.1	.8
EATING & DRINKING PLACES	87.1	87.1	82.1	0	5.0
MISCELLANEOUS RETAIL	35.7	36.0	34.2	- .3	1.5
FINANCE, INSURANCE AND REAL ESTATE	86.7	85.8	82.2	.9	4.5
BANKING	26.7	26.5	26.1	.2	.6
CREDIT AGENCIES OTHER THAN BANKS	17.7	17.6	16.4	.1	1.3
SECURITY, COMMODITY BROKERS & SERVICES	2.1	2.1	1.8	0	.3
INSURANCE CARRIERS	15.0	15.0	14.9	0	.1
REAL ESTATE	15.3	14.9	14.8	.4	.5
SERVICES	344.7	345.9	332.3	- 1.2	12.4
HOTELS AND OTHER LODGING PLACES	25.5	24.5	25.0	1.0	.5
PERSONAL SERVICES	22.3	22.6	20.8	- .3	1.5
BUSINESS SERVICES	67.8	67.7	63.3	.1	4.5
AUTO REPAIR SERVICES & GARAGES	3.2	3.2	3.1	0	.1
MISC. REPAIR SERVICES	1.9	1.9	2.0	0	- .1
MOTION PICTURES	1.5	1.5	1.5	0	0
AMUSEMENT AND RECREATION SERVICES	10.3	10.0	9.8	.3	.5
HEALTH SERVICES	115.0	114.4	111.3	.6	3.7
HOSPITALS	59.1	58.9	56.7	.2	2.4
EDUCATIONAL SERVICES	13.8	17.6	13.9	- 3.8	- .1
GOVERNMENT	266.0	282.9	255.9	- 16.9	10.1
FEDERAL GOVERNMENT	71.3	71.0	70.2	.3	1.1
STATE & LOCAL GOVERNMENT	194.7	211.9	185.7	- 17.2	9.0
STATE GOVERNMENT	59.3	61.1	57.9	- 1.8	1.4
LOCAL GOVERNMENT	135.3	150.7	127.8	- 15.4	7.5

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1987	JUNE 1987	JULY 1986	NET CHANGE FROM JUNE 1987	JULY 1986
MANUFACTURING	321.7	322.2	316.5	- .5	5.2
DURABLE GOODS	148.9	149.3	149.6	- .4	- .7
LUMBER AND WOOD PRODUCTS	21.1	21.1	21.1	.0	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.8	6.8	6.6	.0	.2
FURNITURE AND FIXTURES	21.2	21.4	21.2	- .2	.0
HOUSEHOLD AND OFFICE FURNITURE	20.0	20.2	20.1	- .2	- .1
STONE, CLAY & GLASS PRODUCTS	13.6	13.6	12.6	.0	1.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.2	6.2	5.7	.0	.5
PRIMARY METAL INDUSTRIES	6.7	6.8	5.8	- .1	.9
FABRICATED METAL PRODUCTS	13.3	13.3	13.8	.0	- .5
FABRICATED STRUCTURAL METAL PRODUCTS	7.2	7.2	7.7	.0	- .5
MACHINERY EXCEPT ELECTRICAL	11.4	11.3	10.6	.1	.8
ELECTRIC & ELECTRONIC EQUIPMENT	19.9	20.1	21.3	- .2	- 1.4
COMMUNICATION EQUIPMENT	8.8	8.9	9.2	- .1	- .4
TRANSPORTATION EQUIPMENT	36.1	36.0	37.8	.1	- 1.7
INSTRUMENTS & RELATED PRODUCTS	3.1	3.1	2.8	.0	.3
MISC. MANUFACTURING INDUSTRIES	2.6	2.6	2.6	.0	.0
NONDURABLE GOODS	172.9	172.9	166.9	.0	6.0
FOOD & KINDRED PRODUCTS	28.6	28.4	26.4	.2	2.2
MEAT PRODUCTS	11.7	11.6	11.1	.1	.6
BEVERAGES	2.5	2.3	2.2	.2	.3
TOBACCO MANUFACTURES	8.0	8.1	7.7	- .1	.3
TEXTILE MILL PRODUCTS	41.7	41.5	38.4	.2	3.3
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.8	13.9	12.5	- .1	1.3
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	20.0	19.7	18.1	.3	1.9
MISC. TEXTILE GOODS	.9	.9	.9	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	27.1	27.0	27.3	.1	- .2
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.0	9.0	9.1	.0	- .1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.8	14.7	15.1	.1	- .3
PAPER & ALLIED PRODUCTS	11.6	11.8	12.0	- .2	- .4
PULP, PAPER & PAPERBOARD	5.6	5.7	5.6	- .1	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.8	5.9	6.1	- .1	- .3
PAPERBOARD CONTAINERS AND BOXES	3.4	3.4	3.6	.0	- .2
PRINTING AND PUBLISHING	18.6	18.6	18.4	.0	.2
NEWSPAPER AND PERIODICALS	4.6	4.6	4.3	.0	.3
COMMERCIAL PRINTING	10.0	10.0	10.0	.0	.0
CHEMICALS & ALLIED PRODUCTS	23.6	23.6	22.8	.0	.8
PLASTICS MATERIALS AND SYNTHETICS	12.9	13.0	13.3	- .1	- .4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.7	11.9	12.5	- .2	- .8
MISC. PLASTICS PRODUCTS	6.7	6.8	7.4	- .1	- .7
LEATHER & LEATHER PRODUCTS	2.0	2.0	1.5	.0	.5

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1987	JUNE 1987	JULY 1986	NET CHANGE FROM JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	31.3	31.4	29.5	-.1	1.8
MANUFACTURING	9.9	9.9	9.4	.0	.5
DURABLE GOODS	5.3	5.2	4.9	.1	.4
FABRICATED METAL PRODUCTS	1.3	1.3	1.5	.0	-.2
MACHINERY & TRANSPORTATION EQUIPMENT	2.8	2.7	2.4	.1	.4
NONDURABLE GOODS	4.6	4.7	4.5	-.1	.1
FOOD & KINDRED PRODUCTS	1.5	1.5	1.5	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.9	2.0	1.9	-.1	.0
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	.0	.0
NONMANUFACTURING	21.4	21.5	20.1	-.1	1.3
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	0.8	0.8	0.9	.0	-.1
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.1	.0	.1
WHOLESALE & RETAIL TRADE	8.7	8.5	8.1	.2	.6
WHOLESALE TRADE	1.8	1.8	1.7	.0	.1
RETAIL TRADE	6.9	6.7	6.4	.2	.5
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	4.5	4.5	4.3	.0	.2
GOVERNMENT	5.3	5.5	4.6	-.2	.7
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.9	5.1	4.2	-.2	.7

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

Table A-6.
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1987	JUNE 1987	JULY 1986	NET CHANGE FROM JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	61.4	62.1	60.7	-.7	.7
MANUFACTURING	8.5	8.5	8.7	.0	-.2
DURABLE GOODS	5.5	5.6	5.7	-.1	-.2
FURNITURE AND FIXTURES	0.3	0.3	0.4	.0	-.1
ELECTRIC & ELECTRONIC EQUIPMENT	3.9	4.0	4.2	-.1	-.3
NONDURABLE GOODS	3.0	2.9	3.0	.1	.0
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	.0	.1
NONMANUFACTURING	52.9	53.6	51.9	-.7	1.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	4.0	3.8	3.7	.2	.3
TRANSPORTATION & PUBLIC UTILITIES	2.3	2.2	2.1	.1	.2
WHOLESALE & RETAIL TRADE	12.3	12.0	12.1	.3	.2
WHOLESALE TRADE	1.8	1.8	1.8	.0	.0
RETAIL TRADE	10.5	10.3	10.4	.2	.1
FINANCE, INSURANCE AND REAL ESTATE	3.1	3.2	3.1	-.1	.0
SERVICES	11.4	11.4	11.3	.0	.1
GOVERNMENT	19.8	20.9	19.6	-1.1	.2
FEDERAL GOVERNMENT	1.3	1.3	1.3	.0	.0
STATE & LOCAL GOVERNMENT	18.6	19.6	18.3	-1.0	.3

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	38.8	39.4	37.9	-.6	.9
MANUFACTURING	16.9	16.8	16.0	.1	.9
DURABLE GOODS	3.3	3.2	3.2	.1	.1
LUMBER AND WOOD PRODUCTS	.7	.7	.8	.0	-.1
MACHINERY EXCEPT ELECTRICAL	.2	.2	.2	.0	.0
FABRICATED METAL PRODUCTS	.5	.4	.4	.1	.1
OTHER DURABLE GOODS	1.9	1.9	1.8	.0	.1
NONDURABLE GOODS	13.6	13.6	12.9	.0	.7
TOBACCO MANUFACTURES	.6	.6	.5	.0	.1
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	10.0	10.0	9.4	.0	.6
APPAREL & OTHER TEXTILE PRODUCTS	1.0	1.0	1.1	.0	-.1
NONMANUFACTURING	21.9	22.6	21.9	-.7	.0
MINING	.1	.1	.1	.0	.0
CONSTRUCTION	1.3	1.3	1.5	.0	-.2
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	.0
WHOLESALE & RETAIL TRADE	8.2	8.1	8.2	.1	.0
WHOLESALE TRADE	1.2	1.2	1.2	.0	.0
RETAIL TRADE	6.9	6.9	6.9	.0	.0
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.2	.0	-.1
SERVICES	5.5	5.7	5.7	-.2	-.2
GOVERNMENT	4.8	5.4	4.3	-.6	.5
FEDERAL GOVERNMENT	.3	.3	.3	.0	.0
STATE & LOCAL GOVERNMENT	4.5	5.1	4.0	-.6	.5

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipmen instruments and related products; and miscellaneous manufacturing industries.

Table A-8.

LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	69.4	71.5	68.6	-2.1	.8
MANUFACTURING	24.0	24.2	23.2	-.2	.8
DURABLE GOODS	15.3	15.6	14.8	-.3	.5
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.0	3.0	3.0	.0	.0
OTHER DURABLE GOODS	12.3	12.6	11.8	-.3	.5
NONDURABLE GOODS	8.7	8.6	8.3	.1	.4
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	.0	.0
TEXTILE MILL PRODUCTS	1.6	1.7	1.7	-.1	-.1
PAPER & ALLIED PRODUCTS	1.1	1.1	1.0	.0	.1
NONMANUFACTURING	45.5	47.2	45.4	-1.7	.1
MINING	.1	.1	.1	.0	.0
CONSTRUCTION	3.3	3.3	3.3	.0	.0
TRANSPORTATION & PUBLIC UTILITIES	3.0	3.0	3.0	.0	.0
WHOLESALE & RETAIL TRADE	13.2	13.3	12.9	-.1	.3
WHOLESALE TRADE	2.5	2.5	2.4	.0	.1
RETAIL TRADE	10.8	10.8	10.5	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.4	3.3	.0	.1
SERVICES	13.4	14.6	13.5	-1.2	-.1
GOVERNMENT	9.1	9.6	9.4	-.5	-.3
FEDERAL GOVERNMENT	.5	.5	.5	.0	.0
STATE & LOCAL GOVERNMENT	8.6	9.1	8.9	-.5	-.3

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

Table A-9.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	949.3	952.4	937.2	- 3.1	12.1
MANUFACTURING	66.5	66.5	69.6	0	- 3.1
DURABLE GOODS	47.9	47.9	50.9	0	- 3.0
LUMBER AND WOOD PRODUCTS	2.1	2.1	2.0	0	.1
FABRICATED METAL PRODUCTS	1.4	1.4	1.5	0	- .1
MACHINERY EXCEPT ELECTRICAL	2.0	2.0	2.1	0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	1.4	1.4	2.1	0	- .7
TRANSPORTATION EQUIPMENT	34.8	34.7	37.0	.1	- 2.2
NONDURABLE GOODS	18.6	18.7	18.7	- .1	- .1
FOOD & KINDRED PRODUCTS	7.8	7.8	7.7	0	.1
PRINTING AND PUBLISHING	4.2	4.1	4.4	.1	- .2
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	1.9	0	.1
NONMANUFACTURING	482.8	485.9	467.6	- 3.1	15.2
MINING	0.1	0.1	0.1	0	0
CONSTRUCTION	38.3	37.2	40.5	1.1	- 2.2
TRANSPORTATION & PUBLIC UTILITIES	26.2	26.1	26.0	.1	.2
RAILROAD TRANSPORTATION	1.8	1.8	1.9	0	- .1
WHOLESALE & RETAIL TRADE	139.9	139.2	131.5	.7	8.4
WHOLESALE TRADE	22.3	22.2	21.9	.1	.4
RETAIL TRADE	117.6	116.9	109.6	.7	8.0
FINANCE, INSURANCE AND REAL ESTATE	25.9	25.5	24.9	.3	1.0
BANKING	6.3	6.2	6.5	.1	- .2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.2	4.2	0	0
SERVICES	131.5	130.3	124.5	1.2	7.0
PERSONAL SERVICES	7.8	7.8	7.1	0	.7
GOVERNMENT	121.0	127.6	120.2	- 6.6	.8
FEDERAL GOVERNMENT	55.9	56.0	55.3	- .1	.6
STATE & LOCAL GOVERNMENT	65.2	71.6	64.9	- 6.4	.3

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	687.5	686.8	663.1	.7	24.4
MANUFACTURING	34.1	34.0	35.0	.1	- .9
DURABLE GOODS	19.6	19.5	20.9	.1	- 1.3
FABRICATED METAL PRODUCTS	1.0	1.0	1.1	0	- .1
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	0	0
ELECTRIC & ELECTRONIC EQUIPMENT	12.2	12.2	13.4	0	- 1.2
NONDURABLE GOODS	14.5	14.5	14.1	0	.4
PRINTING AND PUBLISHING	9.8	9.7	9.6	.1	.2
NONMANUFACTURING	653.4	652.8	628.1	.6	25.3
MINING	0.4	0.4	0.5	0	- .1
CONSTRUCTION	50.5	49.2	50.0	1.3	.5
TRANSPORTATION & PUBLIC UTILITIES	49.5	49.0	46.7	.5	2.8
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.2	4.1	0	.1
WHOLESALE & RETAIL TRADE	159.3	158.6	153.4	.7	5.9
WHOLESALE TRADE	31.2	31.2	30.2	0	1.0
RETAIL TRADE	128.1	127.4	123.2	.7	4.9
GENERAL MERCHANDISE STORES	14.9	14.7	14.2	.2	.7
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.3	16.5	16.0	- .2	.3
APPAREL & ACCESSORY STORES	9.1	9.2	8.5	- .1	.6
FINANCE, INSURANCE AND REAL ESTATE	44.4	43.6	41.4	.8	3.0
BANKING	7.1	7.0	6.8	.1	.3
SERVICES	209.0	209.0	202.7	0	6.3
BUSINESS SERVICES	87.1	87.4	84.7	- .3	2.4
GOVERNMENT	140.3	143.1	133.4	- 2.8	6.9
FEDERAL GOVERNMENT	75.4	75.3	74.0	.1	1.4
STATE & LOCAL GOVERNMENT	64.8	67.8	59.4	- 3.0	5.4

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	429.9	429.6	412.1	.7	16.8
MANUFACTURING	63.1	63.3	62.6	-.2	.5
DURABLE GOODS	18.9	19.1	18.4	-.2	.5
LUMBER AND WOOD PRODUCTS	2.3	2.3	2.1	.0	.2
FURNITURE AND FIXTURES	1.1	1.2	0.9	-.1	.2
STONE, CLAY & GLASS PRODUCTS	1.7	1.7	1.6	.0	.1
FABRICATED METAL PRODUCTS	1.9	1.9	2.1	.0	-.2
MACHINERY EXCEPT ELECTRICAL	2.5	2.6	2.5	-.1	.0
OTHER DURABLE GOODS	9.3	9.3	9.4	.0	-.1
NONDURABLE GOODS	44.2	44.3	44.2	-.1	.0
FOOD & KINDRED PRODUCTS	4.6	4.6	4.2	.0	.4
TOBACCO MANUFACTURES	12.5	12.5	12.7	.0	-.2
APPAREL & OTHER TEXTILE PRODUCTS	1.9	1.9	2.1	.0	-.2
PAPER & ALLIED PRODUCTS	4.8	4.9	5.0	-.1	-.2
PRINTING AND PUBLISHING	7.1	7.2	7.1	-.1	.0
CHEMICALS & ALLIED PRODUCTS	10.8	10.8	10.5	.0	.3
OTHER NONDURABLE GOODS	2.5	2.5	2.6	.0	-.1
NONMANUFACTURING	365.8	366.3	349.5	-.5	16.3
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	27.5	27.0	26.2	.5	1.3
TRANSPORTATION & PUBLIC UTILITIES	22.8	22.8	22.5	.0	.3
WHOLESALE & RETAIL TRADE	102.5	101.4	100.5	1.1	2.0
WHOLESALE TRADE	25.2	25.0	25.1	.2	.1
RETAIL TRADE	77.3	76.5	75.4	.8	1.9
GENERAL MERCHANDISE STORES	13.4	13.3	12.7	.1	.7
FOOD STORES	11.2	11.0	11.8	.2	-.6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.5	8.4	8.5	.1	.0
FINANCE, INSURANCE AND REAL ESTATE	35.3	35.0	33.4	.3	1.9
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.6	12.6	12.4	.0	.2
SERVICES	90.8	90.4	85.3	.4	5.5
HEALTH SERVICES	20.8	20.6	20.3	.2	.5
GOVERNMENT	86.7	89.3	91.2	-2.6	-4.5
FEDERAL GOVERNMENT	16.9	16.8	16.4	.1	.5
STATE & LOCAL GOVERNMENT	69.8	72.5	64.7	-2.7	5.1

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.

ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1987	JUNE 1987	JULY 1986	JUNE 1987	JULY 1986
TOTAL NONAGRICULTURAL	123.2	123.8	118.0	-.6	5.2
MANUFACTURING	20.6	20.6	20.5	.0	.1
DURABLE GOODS	12.2	12.2	12.2	.0	.0
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	.0
FABRICATED METAL PRODUCTS	1.7	1.7	1.6	.0	.1
MACHINERY EXCEPT ELECTRICAL	1.5	1.5	1.6	.0	-.1
NONDURABLE GOODS	8.4	8.4	8.3	.0	.1
TEXTILE MILL PRODUCTS	1.5	1.5	1.4	.0	.1
PRINTING AND PUBLISHING	1.1	1.0	1.1	.1	.0
NONMANUFACTURING	102.6	103.2	97.5	-.6	5.1
MINING	0.1	0.1	0.2	.0	-.1
CONSTRUCTION	7.6	7.4	7.2	.2	.4
TRANSPORTATION & PUBLIC UTILITIES	8.9	8.9	9.1	.0	-.2
WHOLESALE & RETAIL TRADE	35.2	35.1	31.6	.1	3.6
WHOLESALE TRADE	9.1	8.9	8.7	.2	.4
RETAIL TRADE	26.2	26.2	22.9	.0	3.3
FINANCE, INSURANCE AND REAL ESTATE	8.4	8.4	8.1	.0	.3
SERVICES	27.0	27.3	27.1	-.3	-.1
GOVERNMENT	15.3	15.9	14.4	-.6	.9
FEDERAL GOVERNMENT	3.5	3.4	3.4	.1	.1
STATE & LOCAL GOVERNMENT	11.8	12.5	11.0	-.7	.8

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$363.91	$370.64	$355.20	40.3	41.0	40.0	$9.03	$9.04	$8.88
DURABLE GOODS	367.43	373.75	364.21	41.1	41.9	41.2	8.94	8.92	8.84
LUMBER AND WOOD PRODUCTS	271.32	272.80	255.31	39.9	40.0	39.4	6.80	6.82	6.48
FURNITURE AND FIXTURES	235.07	240.60	222.16	38.6	39.9	39.6	6.09	6.03	5.61
HOUSEHOLD AND OFFICE FURNITURE	229.08	235.62	217.88	38.5	39.8	39.4	5.95	5.92	5.53
STONE, CLAY & GLASS PRODUCTS	356.17	352.80	338.82	42.2	42.1	42.3	8.44	8.38	8.01
PRIMARY METAL INDUSTRIES	411.06	465.16	432.74	40.3	44.9	43.8	10.20	10.36	9.88
FABRICATED METAL PRODUCTS	404.92	412.73	398.05	42.4	43.4	41.9	9.55	9.51	9.50
FABRICATED STRUCTURAL METAL PRODUCTS	365.08	368.06	349.71	42.5	43.2	42.7	8.59	8.52	8.19
MACHINERY EXCEPT ELECTRICAL	422.62	407.38	376.93	44.3	43.2	40.4	9.54	9.43	9.33
ELECTRIC & ELECTRONIC EQUIPMENT	385.12	378.63	364.41	41.5	41.2	40.4	9.28	9.19	9.02
COMMUNICATION EQUIPMENT	415.67	392.47	367.88	42.2	41.4	41.9	9.85	9.48	8.78
INSTRUMENTS & RELATED PRODUCTS	1/ 312.00	322.21	231.20	1/ 40.0	41.9	35.9	1/ 7.80	7.69	6.44
MISC. MANUFACTURING INDUSTRIES	327.75	312.01	290.54	42.4	41.0	39.8	7.73	7.61	7.30
NONDURABLE GOODS	360.76	367.43	346.99	39.6	40.2	38.0	9.11	9.14	8.92
FOOD & KINDRED PRODUCTS	364.01	362.03	323.75	40.9	41.0	39.1	8.90	8.83	8.28
TEXTILE MILL PRODUCTS	287.34	289.51	253.55	40.7	41.3	36.8	7.06	7.01	6.89
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	315.56	318.51	290.50	42.3	43.1	40.8	7.46	7.39	7.12
KNITTING MILLS	268.88	264.21	225.92	39.6	39.2	32.6	6.79	6.74	6.93
MISC. TEXTILE GOODS	322.46	331.51	274.11	43.4	45.6	39.9	7.43	7.27	6.87
APPAREL & OTHER TEXTILE PRODUCTS	198.01	197.29	190.41	36.6	36.4	36.2	5.41	5.42	5.26
MENS & BOYS SUITS, COATS AND FURNISHINGS	217.88	207.44	192.77	37.5	35.1	35.5	5.81	5.91	5.43
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	182.27	183.89	182.63	36.6	37.0	36.6	4.98	4.97	4.99
PAPER & ALLIED PRODUCTS	490.89	500.12	482.22	42.1	43.3	43.6	11.66	11.55	11.06
PULP, PAPER & PAPERBOARD	583.74	613.87	590.07	42.3	44.1	44.5	13.80	13.92	13.26
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	405.66	394.98	388.25	42.3	42.7	42.9	9.59	9.25	9.05
PRINTING AND PUBLISHING	396.87	427.28	412.23	37.3	39.6	40.1	10.64	10.79	10.28
NEWSPAPER AND PERIODICALS	349.54	354.42	333.20	35.2	35.8	35.0	9.93	9.90	9.52
CHEMICALS & ALLIED PRODUCTS	469.57	474.70	474.61	40.1	40.4	40.6	11.71	11.75	11.69
PLASTICS MATERIALS AND SYNTHETICS	487.22	487.62	496.92	40.1	40.1	41.0	12.15	12.16	12.12
LEATHER & LEATHER PRODUCTS	168.17	179.41	168.27	36.4	38.5	36.5	4.62	4.66	4.61

1/1987 data not comparable to prior years

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$317.42	$309.32	$311.19	40.8	40.7	41.0	$7.78	$7.60	$7.59
DURABLE GOODS	392.34	379.73	366.08	43.4	43.2	41.6	9.04	8.79	8.80
FABRICATED METAL PRODUCTS	460.94	478.94	432.39	40.9	43.5	40.6	11.27	11.01	10.65
MACHINERY & TRANSPORTATION EQUIPMENT	388.18	358.55	342.13	46.6	45.1	42.5	8.33	7.95	8.05
NONDURABLE GOODS	227.93	227.56	245.62	37.8	37.8	40.2	6.03	6.02	6.11
FOOD & KINDRED PRODUCTS	249.42	247.76	266.45	36.2	35.7	39.3	6.89	6.94	6.78
APPAREL & OTHER TEXTILE PRODUCTS	187.17	186.94	229.60	36.7	36.8	41.0	5.10	5.08	5.60

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$307.43	$310.31	$303.22	41.1	41.1	40.7	$7.48	$7.55	$7.45
DURABLE GOODS	314.83	312.73	310.00	41.1	40.3	40.0	7.66	7.76	7.75
ELECTRIC & ELECTRONIC EQUIPMENT	321.36	316.86	314.73	39.0	38.5	39.0	8.24	8.23	8.07
NONDURABLE GOODS	294.38	306.00	291.06	41.0	42.5	42.0	7.18	7.20	6.93
PRINTING AND PUBLISHING	303.58	346.94	288.04	37.9	41.5	37.9	8.01	8.36	7.60

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 5,700 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$358.70	$366.36	$337.71	42.2	44.3	40.3	$8.50	$8.27	$8.38
DURABLE GOODS	324.82	335.75	307.31	40.3	43.1	37.8	8.06	7.79	8.13
FABRICATED METAL PRODUCTS	254.28	303.41	219.86	44.3	56.5	34.3	5.74	5.37	6.41
NONDURABLE GOODS	366.79	372.91	344.79	42.7	44.5	40.9	8.59	8.38	8.43
APPAREL & OTHER TEXTILE PRODUCTS	258.59	258.59	248.35	39.3	39.3	37.8	6.58	6.58	6.57

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,000 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$344.35	$351.52	$338.60	40.8	41.6	40.6	$8.44	$8.45	$8.34
DURABLE GOODS	348.35	356.04	349.38	40.6	41.4	41.2	8.58	8.60	8.48
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	240.19	229.50	206.22	40.3	39.5	37.7	5.96	5.81	5.47
NONDURABLE GOODS	337.84	345.24	323.97	41.1	42.0	39.8	8.22	8.22	8.14
FOOD & KINDRED PRODUCTS	378.65	352.38	334.93	44.6	42.0	41.4	8.49	8.38	8.09
TEXTILE MILL PRODUCTS	293.60	272.50	275.42	40.0	37.9	39.8	7.34	7.19	6.92
PAPER & ALLIED PRODUCTS	478.76	486.80	492.03	46.8	47.4	46.2	10.23	10.27	10.65

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 17,100 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$385.13	$392.00	$372.27	39.5	40.0	39.9	$9.75	$9.80	$9.33
DURABLE GOODS	411.58	415.46	369.05	42.3	43.1	41.7	9.73	9.64	8.85
FABRICATED METAL PRODUCTS	380.28	366.21	363.89	41.2	39.0	39.9	9.23	9.39	9.12
ELECTRIC & ELECTRONIC EQUIPMENT	286.48	410.76	345.58	39.8	42.0	40.8	9.71	9.76	8.47
NONDURABLE GOODS	358.56	369.20	376.40	36.7	37.0	37.8	9.77	9.98	9.96

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,500 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$469.90	$477.20	$459.20	40.3	40.9	40.4	$11.66	$11.67	$11.37
DURABLE GOODS	387.96	370.86	362.41	42.4	42.0	41.8	9.15	8.83	8.67
LUMBER AND WOOD PRODUCTS	1/ 250.92	250.51	238.37	1/ 40.8	41.0	39.4	1/ 6.15	6.11	6.05
FURNITURE AND FIXTURES	1/ 245.59	207.43	338.98	37.9	38.2	42.8	1/ 6.48	5.43	7.92
FABRICATED METAL PRODUCTS	310.44	326.70	313.99	39.0	39.6	39.2	7.96	8.25	8.01
NONDURABLE GOODS	500.86	518.81	495.56	39.5	40.5	39.9	12.68	12.81	12.42
FOOD & KINDRED PRODUCTS	270.65	255.65	299.75	28.6	28.7	26.6	9.36	9.19	8.18
APPAREL & OTHER TEXTILE PRODUCTS	202.18	214.07	198.15	35.1	37.1	36.9	5.76	5.77	5.37
PAPER & ALLIED PRODUCTS	487.06	513.18	475.78	42.8	44.7	44.2	11.38	11.48	10.74
PRINTING AND PUBLISHING	423.36	432.36	451.95	37.8	38.5	40.9	11.20	11.23	11.05
CHEMICALS & ALLIED PRODUCTS	578.28	585.20	570.04	41.1	41.8	40.2	14.07	14.00	14.18

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,400 production workers.

[1]1987 data not comparable to prior years.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986	JULY 1987	JUNE 1987	JULY 1986
MANUFACTURING	$355.83	$354.84	$328.84	40.9	40.6	40.2	$8.70	$8.74	$8.18
DURABLE GOODS	377.57	374.33	344.00	41.4	41.5	40.0	9.12	9.02	8.60
FABRICATED METAL PRODUCTS	1/319.20	304.87	305.47	1/ 40.1	39.8	40.3	7.96	7.66	7.58
NONDURABLE GOODS	1/324.41	325.75	306.99	1/ 40.1	39.2	40.5	8.09	8.31	7.58
TEXTILE MILL PRODUCTS	304.68	312.16	244.82	42.2	41.9	40.2	7.22	7.45	6.09

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,500 production workers.
1/1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8							

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours, and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers, and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulative over several months, there was a 0.1 percent adjustment in benchmark levels for the First Quarter 1986 benchmark.

Labor force and unemployment estimates for the state and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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